

Appln No. 10/586,081

Amdt date September 17, 2010

Reply to Office action of July 8, 2010

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Cancelled)

2. (Currently Amended) A method for the manufacture of a three-dimensional object comprising the following steps:

- applying a layer of particles onto a target surface;
- irradiating a selected part of the layer that corresponds to a cross-section of the object with a beam of energy or a jet of liquid such that the particles in the selected part become connected to each other;
- repeating the steps of application and irradiation such that the connected parts of adjacent layers connect to each other to form the object;

wherein the particles that are used contain at least one cavity and are at least partially dissolved, induced to chemically react, or melted by the beam of energy or jet of liquid.

3. (Previously Presented) The method according to claim 2, wherein the particles are irradiated such that the cavities are essentially preserved.

4-22 (Cancelled).